

#3

# **MAINTENANCE SERVICE - EVERY 10,000 MILES**

**All 1974 Models** (With #3Z At 30,000 Mile Intervals)



Customer: \_\_\_\_\_ Work Order No.: \_\_\_\_\_  
 Address: \_\_\_\_\_ License No.: \_\_\_\_\_  
 City & State: \_\_\_\_\_ Mileage: \_\_\_\_\_  
 Zip Code or Province: \_\_\_\_\_ Time Promised: \_\_\_\_\_

## **Maintenance Work to be Performed:**

- ☐ MB Maintenance Service (three sections) with engine oil change and oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_
- ☐ Additional Maintenance work with regular Maintenance Inspection at every 30,000 miles.
- ☐ Radiator Coolant: \_\_\_\_\_ °F  
Check level and antifreeze mixture. Replace mixture every 3 years.
- ☐ Replace brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

## **M-B Individual Maintenance Jobs Performed as Needed:**

- ☐ Section I: Lubrication Service  
Engine oil change with oil filter service.  
Oil: Brand-Viscosity \_\_\_\_\_
- ☐ Section II: Electronic Engine Testing;  
Engine maintenance.
- ☐ Section III: Safety Inspection.

## **Special Maintenance Work Performed at Extra Cost:**

- ☐ Sliding Roof: Clean guide channels and lubricate lightly.
- ☐ Lighting System: Check headlights and aim.
- ☐ Battery: Clean housing and terminals; grease terminals lightly.
- ☐ Paint finish and chrome care.
- ☐ Clean Engine and Engine Compartment: lubricate all control linkages.

## **Special Instructions from Customer:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## **Visual Inspection: Check For Leakage and General Condition.**

- |                                       |  |   |   |
|---------------------------------------|--|---|---|
| <input type="checkbox"/> Engine       | <input type="checkbox"/> Rear Axle       | <input type="checkbox"/> Front Axle     | <input type="checkbox"/> Undercarriage  |
| <input type="checkbox"/> Steering     | <input type="checkbox"/> Brakes          | <input type="checkbox"/> Tires          | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System |   |

Result: \_\_\_\_\_  
 \_\_\_\_\_

## **Part I: Service Maintenance with Oil Filter Change**

240D  
230  
280-280C  
450-ALL

### **Oil Change**

- ☐ ☐ ☐ ☐ 151 Engine oil with filter change.  
☐ Drain engine oil cooler.

### **Inspection for Leaks and Condition**

- ☐ ☐ ☐ ☐ 038 Heating & cooling system.

240D  
230  
280-280C  
450-ALL

- ☐ ☐ ☐ ☐ 041 Fuel hoses and pipes.  
☐ 045 Clutch operating mechanism (manual transmission only).

- ☐ 766 Throttle valve, clean (California only)

(continued)

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Check Fluid Level and Replenish</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(Check for leakage).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120 Automatic transmission.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	130 Rear axle.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	134 Power steering.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	465 Windshield washer system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	484 Air conditioning.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	510 Clutch operating mechanism (manual transmission only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	700 Brake system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	788 Stromberg carburetor
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	800 Fuel injection pump
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	821 Battery.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	990 Radiator.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	350 Door hinges

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Body and Chassis Lubrication</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	393 Door locks.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	395 Hood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	398 Parking brake linkage guide (in drive shaft tunnel).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
Use only the following factory-recom- mended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.

## Part II: Electronic Engine Test and Engine Maintenance

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Mechanical</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	753 Adjust valve clearances.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	202 Clean filter element (replace every 30,000 miles).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	762 Clean flame arrester.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	205 Clean oil bath air cleaner and change oil
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	757 Check all drive belt tension and condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	785 Exhaust manifold heater flap. Check for free movement and free up as required
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	770 Replace spark plugs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	751 Check engine cylinder compression
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	773 Replace distributor points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	782 Check and adjust dwell angle, ignition timing and ignition changeover

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	774 Check ignition switch-over.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	832 Analyze engine with oscilloscope
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	797 Check and adjust engine idle speed control
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	796 Check throttle valve lift *(Federal emission system only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	763 Check exhaust gas recirculation *(California emission system only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	764 Check fuel evaporation system (California emission system only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	765 Check air injection system (California emission system only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	895 Check alternator fastening bolt for tightness

## Part III: Safety Check

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	025 Steering system: check play of steering wheel, in shaft coupling and in ball joints of tie-rods and drag link. Check rubber boots for leak tightness.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	982 Tires: check tire tread wear and other tire damage.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	987 Correct tire air pressure.

240 D	230	280-280C	450-ALL	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	707 Brake pads: remove, clean, check and replace if necessary.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	703 Brake calipers: check for leakage and piston action, check condition of dust shield.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	709 Brake discs: Check for condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	708 Brake discs: Clean ventilating passages
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	009 Parking brake. Check brake cable action.

☐ 240D  
☐ 230  
☐ 280-280C  
☐ 450-ALL

706 Parking brake: re-adjust.

028 Front axle ball joints:  
Check for developed play  
and rubber boot for  
leak tightness.

☐ ☐ ☐ ☐

029 Steering: check for sealing  
and condition of sealing  
collars and steering rods.

### Retightening of Nuts, Bolts, and Retaining Parts

☐ ☐ ☐ ☐

924 Steering gear mounting screws (3).

☐ ☐ ☐ ☐

988 Wheel bolts.

☐ ☐ ☐ ☐

099 Check function of:

- \_\_\_\_\_ Headlights, rear lights and  
stop lights.
- \_\_\_\_\_ Directional signals: Hazard  
warning lights.
- \_\_\_\_\_ Windshield wipers,  
windshield  
washer.
- \_\_\_\_\_ Heating and ventilation.

☐ 240D  
☐ 230  
☐ 280-280C  
☐ 450-ALL

098 Road test or dynamometer

- \_\_\_\_\_ Clutch.
- \_\_\_\_\_ Manual transmission.
- \_\_\_\_\_ Automatic transmission.
- \_\_\_\_\_ Air conditioner.

☐ ☐ ☐ ☐

097 Brake test on test stand/road.

Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

## Additional Maintenance Work to be Performed Every 30,000 Miles Maintenance Service #3Z

### Maintenance

☐ 240D  
☐ 230  
☐ 280-280C  
☐ 450-ALL

#### Oil Change

170 Automatic transmission oil change.

#### Filter Replacement or Cleaning

☐ ☐ ☐ ☐

174 Automatic transmission: replace filter element.

☐ ☐ ☐ ☐

612 Power steering: Replace filter element.

☐

851 Fuel feed pump: clean screen (carburetor  
engines only).

☐ ☐

840-847-849 Fuel filter: clean element or replace

☐

845 Fuel main filter: Clean filter element  
and filter housing

☐

844 Fuel pre-filter: check

☐ ☐ ☐ ☐

813 Check throttle control linkage.

#### Lubrication

☐ ☐ ☐ ☐

388 Front wheel grease caps: clean and refill  
with new grease.

☐ 240D  
☐ 230  
☐ 280-280C  
☐ 450-ALL

#### Tightening of Nuts and Bolts

871 Intake and exhaust manifold nuts and exhaust  
flange bolts.

☐

Exhaust pipe flange only.

☐

876 Carburetor mounting flange screws

#### Checking

☐

501 Check clutch lining thickness (manual  
transmission only).

☐ ☐ ☐ ☐

625 Check front wheel toe-in.

☐ ☐ ☐ ☐

030 Check propeller shaft joint discs for wear  
or damage.

Date \_\_\_\_\_

Service Manager (Signature) \_\_\_\_\_